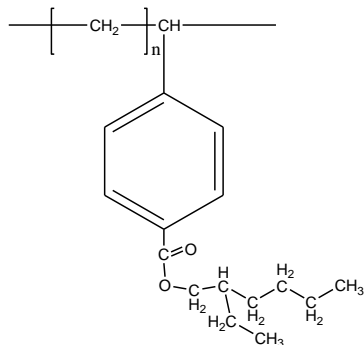


Sample Name:
Poly 4-(2-ethylhexyl) vinyl benzoate)

Sample #: **P41345-2EtH-4VBA**

Structure:



Composition:

$M_n \times 10^3$	PDI
102.0	1.6

Synthesis Procedure:

Poly 4-(2-ethylhexyl) vinyl benzoate)
 Is prepared by free radical polymerization process
 of 2-ethylhexyl 4 vinyl benzoate monomer.

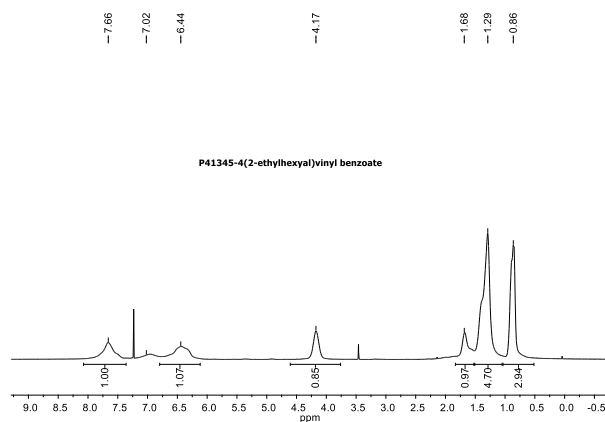
Characterization:

The product was characterized by size exclusion
 chromatography (SEC) and ^1H NMR.

Solubility:

Polymer is soluble in DMF, THF and CHCl_3 . It
 precipitates from water and cold hexanes.

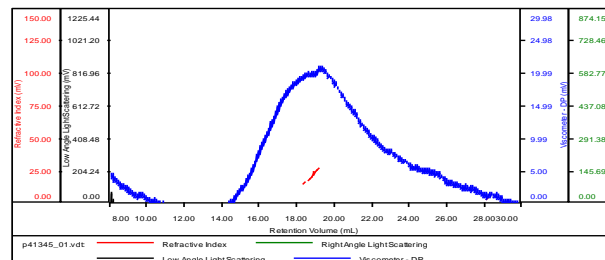
^1H NMR spectrum of the polymer:



SEC elugram of poly (t-butyl vinylbenzoate):

P41345- 4-(2-ethylhexyl)Vinyl Benzoate

Concentration (mg/mL)	5.2667
Sample dn/dc (mL/g)	0.1850
Method File	PS80K-sept-2018-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn (Da)	Mw (Da)	Mw/Mn	IV (dL/g)	Mp (Da)
p41345_01.vdt	101,766	163,513	1.607	0.6938	101,310